

List of Patents and Publications for Applicant's
INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Atty. Docket No.
4001.002200Serial No.
09/351,543Applicant
Philip E. Thorpe and Sophia RanFiling Date:
July 12, 1999

Unknown

U.S. Patent Documents
See Page 1Foreign Patent Documents
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See Page 2-5J1040 U.S. PTO
09/998833

11/30/01

U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
BF	A1	5,855,866	01.05.99	Thorpe <i>et al.</i>	424	1.49	
	A2	5,863,538	01.26.99	Thorpe <i>et al.</i>	424	136.1	
	A3	5,776,427	07.07.98	Thorpe <i>et al.</i>	424	1.49	
	A4	5,767,298	06.16.98	Daleke	554	80	
	A5	5,660,827	08.26.97	Thorpe <i>et al.</i>	424	152.1	
	A6	5,658,877	08.19.97	Tsao	514	2	
	A7	5,632,986	05.27.97	Tait <i>et al.</i>	424	94.64	
	A8	5,627,036	05.06.97	Reutelingsperger	435	7.21	
	A9	5,344,758	09.06.94	Krillis <i>et al.</i>	433	4.1	
BF	A10	5,296,467	03.22.94	Reutelingsperger	514	12	

Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
BF	B1	WO 98/04294	February 5, 1998	PCT			
	B2	WO 97/17084	May 15, 1997	PCT			
	B3	WO 96/17618	June 13, 1996	PCT			
	B4	WO 96/01653	January 25, 1996	PCT			
	B5	WO 95/34315	December 21, 1995	PCT			
	B6	WO 95/27903	October 19, 1995	PCT			
	B7	WO 95/19791	July 27, 1995	PCT			
	B8	WO 93/17715	September 16, 1993	PCT			
BF	B9	WO 91/07187	May 30, 1991	PCT			

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Form PTO-1449 (modified)

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Exam. Init.	Ref. Des.	Citation
BF	C1	Blankenberg <i>et al.</i> , "In vivo Detection and Imaging of Phosphatidylserine Expression During Programmed Cell Death," <i>Proc. Natl. Acad. Sci. USA</i> , 95:6349-6354, 1998.
	C2	Bombeli <i>et al.</i> , "Apoptotic Vascular Endothelial Cells Become Procoagulant," <i>Blood</i> , 89:2429-2442, 1997.
	C3	Bordron <i>et al.</i> , "The Binding of some Human Antiendothelial Cell Antibodies Induces Endothelial Cell Apoptosis," <i>J. Clin. Invest.</i> , 101:2029-2035, 1998.
	C4	Burrows <i>et al.</i> , "A Murine Model for Antibody-Directed Targeting of Vascular Endothelial Cells in Solid Tumors," <i>Cancer Research</i> , 52:5954-5962, 1992.
	C5	Burrows and Thorpe, "Eradication of Large Solid Tumors in Mice with an Immunotoxin Directed Against Tumor Vasculature," <i>Proc. Natl. Acad. Sci. USA</i> , 90:8996-9000, 1993.
	C6	Connor <i>et al.</i> , "Differentiation-Dependent Expression of Phosphatidylserine in Mammalian Plasma Membranes: Quantitative Assessment of Outer-Leaflet Lipid by Prothrombinase Complex Formation," <i>Proc. Natl. Acad. Sci. USA</i> , 86:3184-3188, 1989.
	C7	de Jong <i>et al.</i> , "Oxidative Damage Does Not Alter Membrane Phospholipid Asymmetry in Human Erythrocytes," <i>Biochemistry</i> , 36:6768-6776, 1997.
	C8	Denekamp, "Vascular Attack as a Therapeutic Strategy for Cancer," <i>Cancer and Metastasis Reviews</i> , 9:267-282, 1990.
	C9	Dvorak <i>et al.</i> , "Structure of Solid Tumors and Their Vasculature: Implications for Therapy with Monoclonal Antibodies," <i>Cancer Cells</i> , Vol. 3, No. 3, 1991.
	C10	Gaffet <i>et al.</i> , "Transverse Redistribution of Phospholipids During Human Platelet Activation: Evidence for a Vectorial Outflux Specific to Aminophospholipids," <i>Biochemistry</i> , 34:6762-6769, 1995.
	C11	Hagemeier <i>et al.</i> , "A Monoclonal Antibody Reacting with Endothelial Cells of Budding Vessels in Tumors and Inflammatory Tissues, and Non-Reactive with Normal Adult Tissues," <i>Int. J. Cancer</i> , 38:481-488, 1986.
↓	C12	Huang <i>et al.</i> , "Tumor Infarction in Mice by Antibody-Directed Targeting of Tissue Factor to Tumor Vasculature," <i>Science</i> , 275:547-550, 1997.
BF	C13	Igarashi <i>et al.</i> , "Effective Induction of Anti-Phospholipid and Anticoagulant Antibodies in Normal Mouse," <i>Thrombosis Research</i> , 61:135-148, 1991.

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BF	C14	Jamasbi <i>et al.</i> , "Epitope Masking of Rat Esophageal Carcinoma Tumor-Associated Antigen by Certain Coexisting Glycolipid and Phospholipid Molecules: A Potential Mechanism for Tumor Cell Escape from the Host Immune Responses," <i>Cancer Immunol. Immunother.</i> , 38:99-106, 1994.
	C15	Julien <i>et al.</i> , "Differences in the Transbilayer and Lateral Motions of Fluorescent Analogs of Phosphatidylcholine and Phosphatidylethanolamine in the Apical Plasma Membrane of Bovine Aortic Endothelial Cells," <i>Experimental Cell Research</i> , 208:387-397, 1993.
	C16	Julien <i>et al.</i> , "Basic Fibroblast Growth Factor Modulates the Aminophospholipid Translocase Activity Present in the Plasma Membrane of Bovine Aortic Endothelial Cells," <i>Eur. J. Biochem.</i> , 230:287-297, 1995.
	C17	Maneta-Peyret <i>et al.</i> , "Demonstration of High Specificity Antibodies Against Phosphatidylserine," <i>J. Immunol. Methods</i> , 108:123-127, 1988.
	C18	Martin <i>et al.</i> , "Early Redistribution of Plasma Membrane Phosphatidylserine is a General Feature of Apoptosis Regardless of the Initiating Stimulus: Inhibition by Overexpression of Bcl-2 and Abl," <i>J. Exp. Med.</i> , 182:1545-1556, 1995.
	C19	Moldovan <i>et al.</i> , "Binding of Vascular Anticoagulant Alpha (Annexin V) to the Aortic Intima of the Hypercholesterolemic Rabbit. An Autoradiographic Study," <i>Blood Coagulation and Fibrinolysis</i> , 5:921-928, 1994.
	C20	Ohizumi <i>et al.</i> , "Antibody-Based Therapy Targeting Tumor Vascular Endothelial Cells Suppresses Solid Tumor Growth in Rats," <i>Biochem. Biophys. Res. Comm.</i> , 236:493-496, 1997.
	C21	Qu <i>et al.</i> , "Phosphatidylserine-Mediated Adhesion of T-Cells to Endothelial Cells," <i>Biochem. J.</i> , 317:343-346, 1996.
	C22	Ran <i>et al.</i> , "Infarction of Solid Hodgkin's Tumors in Mice by Antibody-Directed Targeting of Tissue Factor to Tumor Vasculature," <i>Cancer Res.</i> , 58:4646-4653, 1998.
	C23	Rauch and Janoff, "Phospholipid in the Hexagonal II Phase is Immunogenic: Evidence for Immunorecognition of Nonbilayer Lipid Phases <i>in vivo</i> ," <i>Proc. Natl. Acad. Sci. USA</i> , 87:4112-4114, 1990.
	C24	Rote <i>et al.</i> , "Immunologic Detection of Phosphatidylserine Externalization During Thrombin-Induced Platelet Activation," <i>Clinical Immunology and Immunopathology</i> , 66:193-200, 1993.
BF	C25	Rote, "Antiphospholipid Antibodies and Recurrent Pregnancy Loss," <i>AJRI</i> , 35:394-401, 1996.

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BF	C26	Ruf and Edgington, "Structural Biology of Tissue Factor, the Initiator of Thrombogenesis <i>in vivo</i> ," <i>FASEB J.</i> , 8: 385-390, 1994.
	C27	Sugi and McIntyre, "Phosphatidylethanolamine Induces Specific Conformational Changes in the Kininogens Recognizable by Anti-phosphatidylethanolamine Antibodies," <i>Thrombosis and Haemostasis</i> , 76:354-360, 1996.
	C28	Takagaki <i>et al.</i> , "Cloning and Sequence Analysis of cDNAs for Human High Molecular Weight and Low Molecular Weight Prekininogens," <i>J. Biol. Chem.</i> , 260:8601-8609, 1985.
	C29	Umeda <i>et al.</i> , "Effective Production of Monoclonal Antibodies Against Phosphatidylserine: Stereo-Specific Recognition of Phosphatidylserine by Monoclonal Antibody," <i>J. Immunol.</i> , 143:2273-2279, 1989.
	C30	Utsugi <i>et al.</i> , "Elevated Expression of Phosphatidylserine in the Outer Membrane Leaflet of Human Tumor Cells and Recognition by Activated Human Blood Monocytes," <i>Cancer Research</i> , 51:3062-3066, 1991.
	C31	Williamson and Schlegel, "Back and Forth: the Regulation and Function of Transbilayer Phospholipid Movement in Eukaryotic Cells (Review)," <i>Molecular Membrane Biology</i> , 11:199-216, 1994.
	C32	Zhao <i>et al.</i> , "Level of Expression of Phospholipid Scramblase Regulates Induced Movement of Phosphatidylserine to the Cell Surface," <i>J. Biol. Chem.</i> , 273:6603-6606, 1998.
	C33	Zhou <i>et al.</i> , "Molecular Cloning of Human Plasma Membrane Phospholipid Scramblase," <i>J. Biol. Chem.</i> , 272:18240-18244, 1997.
	C34	Co-pending Application Serial No. 09/351,862; Entitled: "Cancer Treatment Kits Using Antibodies to Aminophospholipids"; filed July 12, 1999 (Attorney Docket Nos. 4001.002282, UTSD:549--1).
	C35	Co-pending Application Serial No. 09/351,457; Entitled: "Cancer Treatment Methods Using Therapeutic Conjugates that Bind to Aminophospholipids"; filed July 12, 1999 (Attorney Docket Nos. 4001.002300, UTSD:556).
BF	C36	Co-pending Application Serial No. 09/351,598; Entitled: "Cancer Treatment Compositions Comprising Therapeutic Conjugates that Bind to Aminophospholipids"; filed July 12, 1999 (Attorney Docket Nos. 4001.002382, UTSD:556--1).

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Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
BF	C37	Co-pending Application Serial No. 09/351,149; Entitled: "Cancer Treatment Kits Comprising Therapeutic Conjugates that Bind to Aminophospholipids"; filed July 12, 1999 (Attorney Docket Nos. 4001.002383, UTSD:556--2).

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Filing Date:
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1642U.S. Patent Documents
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U.S. Patent Documents

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Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
BF	B11	WO 98/29453	July 9, 1998	Japan			Yes

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

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U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
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Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
BF	B10	WO 98/43678	Oct. 8, 1998	PCT			
BF	B11	WO 98/29453	July 9, 1998	PCT			

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Exam. Init.	Ref. Des.	Citation
BF	C38	Diaz <i>et al.</i> ; "Synthesis of Disulfide-Containing Phospholipid Analogs for the Preparation of Head Group-Specific Lipid Antigens: Generation of Phosphatidylserine Antibodies;" <i>Bioconjugate Chem.</i> ; 9:250-254, 1998.
	C39	Kasina <i>et al.</i> ; "Preformed Chelate TC-99m Radiolabeling of r-Annexin V for Arterial Thrombus Imaging;" <i>Nucl. Med.</i> ; Vol. 37. No. 5, 29P.
	C40	Rauch and Janoff; "Antibodies Against Phospholipids Other than Cardiolipin: Potential Roles for Both Phospholipid and Protein;" <i>Lupus</i> ; 5:498-502, 1996.
	C41	Sarrot-Reynauld and Massot; "Antiphospholipid Antibodies Paraneoplastic Syndrome Revealing Prostatic Cancer;" <i>Lupus</i> ; Vol. 5, No. 5, pp 528, 1996.
	C42	Thorpe <i>et al.</i> ; "Tumor Infarction: Immunoconjugates that Coagulate the Vasculature of Solid Tumors;" <i>Proceedings of the Annual Meeting of the American Association for Cancer Research</i> ; 36:488, 1995.
	C43	van Heerde <i>et al.</i> ; "Binding of Recombinant Annexin V to endothelial Cells: Effect of Annexin V Binding on Endothelial-Cell-Mediated Thrombin Formation;" <i>Biochem.</i> ; 302:305-312, 1994.
BF	C44	International Search Report for PCT/US99/15668, mailed December 29, 1999

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BF	C45	Ferro <i>et al.</i> , "Coexistence of Anti-Phospholipid Antibodies and Endothelial Perturbation in Systemic Lupus Erythematosus Patients with Ongoing Prothrombotic State," <i>Circulation</i> , 95(6):1425-1432, 1997.
	C46	Fishman <i>et al.</i> , "Autoimmunity and Cancer - Beneficial Relationships: a new Concept for the Production of Human Monoclonal Antibodies (Review)," <i>International Journal of Oncology</i> , 10:901-904, 1997.
	C47	Tobelem, "Les Anticorps Antiphospholipides: Specificite et Mechanisme d'Action," <i>Ann. Med. Interne</i> , 141:257-260, 1990.
BF	C48	International Search Report for PCT/US99/15600, mailed January 26, 2000.

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BF	A18	6,057,435	May 2, 2000	Godowski <i>et al.</i>	536	23.5	

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BF	C49	Maisonpierre <i>et al.</i> , "Angiopoietin-2, a Natural Antagonist for Tie2 that Disrupts <i>In Vivo</i> Angiogenesis," <i>Research Articles</i> , 277:55-60, 1997.
BF	C50	International Search Report for PCT/US00/18779, mailed October 4, 2000.
BF	C51	Co-pending Application Serial No. 09/351,149; Entitled: "Cancer Treatment Using Angiopoietins Targeted to Aminophospholipids," filed July 10, 2000 (Attorney Docket No. 3999.002600; formerly UTSD:556--3)

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BF	A11	6,051,230	04.18.00	Thorpe <i>et al.</i>	424	178.1	
BF	A12	6,036,955	03.14.00	Thorpe <i>et al.</i>	424	136.1	
BF	A13	6,004,555	12.21.99	Thorpe <i>et al.</i>	424	181.1	
BF	A14	6,004,554	12.21.99	Thorpe <i>et al.</i>	424	178.1	
BF	A15	5,965,132	10.12.99	Thorpe <i>et al.</i>	424	149	
BF	A16	5,877,289	03.02.99	Thorpe <i>et al.</i>	530	387.1	

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BF	A17	6,093,399	July 25, 2000	Thorpe and Ran	424	182	

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BF	A19	6,043,094	March 28, 2000	Martin <i>et al.</i>	435	458	
BF	A20	5,632,991	May 27, 1997	Gimbrone, Jr.	424	178.1	

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(Use several sheets if necessary)

Atty. Docket No.
4001.002200

Serial No.
09/351,543

Applicant
Philip E. Thorpe and Sophia Ran

Filing Date:
July 12, 1999

Unknown
1642

J1040 U.S. PTO
09/998833

11/30/01

U.S. Patent Documents
See Page 1

Foreign Patent Documents
See Page

Other Art
See Page

U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
BF	A21	6,197,278 B1	March 6, 2001	Blankenberg <i>et al.</i>	424	1.69	

Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation

EXAMINER: /Brandon Fetterolf/

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Form PTO-1449 (modified)

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Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
BF	C52	Skolnick and Fetrow, "From genes to protein structure and function: novel applications of computational approaches in the genomic era," <i>Trends in Biotech</i> , 2000.

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